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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 13352-1992

Replacing GB/T 13352-1996; GB/T 13405-1992

**Belt drives V-belts for the automotive -- Industry and
corresponding pulleys -- Dimensions
(English Translation)**

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms, definitions and symbols
4 Vp band
4.1 Category
4.2 Dimensions

Foreword

This standard is a modified adoption of international standards ISO 2790:2004 (E) "with the automotive industry drive V-belt and pulley size." this standard replaces GB/T 13352-1996 "car V Size" and GB/T 13405-1992 "car V pulley" two standards.

This standard and ISO 2790:2004 The main differences are as follows.

According to ISO 2790:2004 re-drafting, listed in Appendix A of this standard reg number, such as ISO 2790:2004 Number of reg According to the list.

Taking into account China's national conditions, in the use of ISO 2790:2004, the standard of this made some changes, the relevant technical differences have been incorporated into the text, in terms of pages and they are involved in a single vertical line identified by the margin. It is given in Appendix B of these technical differences and their reasons List for reference.

For ease of use, this standard also made the following editorial changes.

- a) 'this International Standard' to replace the word 'this standard';
- b) Remove the preface to international standards.

This standard and GB/T 13352-1996 and GB/T 13405-1992 main changes are as follows.

--- Increasing the size of note about AV15 model, and according to Russian standards GOCT5813-1993 the groove top width of the wheel AV15 Modify the original 15.2mm 14.7mm (1992 edition 4.1, this version 5.1);

--- Remove the height of the V-belt (1996 version 3.1);

--- AV17 with top width from the original 16.5mm modified to 17mm (1996 edition 3.1, this version 4.2.1);

--- Deleted AV20 a groove dimensions, adding a groove AV22 Size (1992 version 4.1, this version 5.1).

The Standard Appendix A and Appendix B are informative.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard tape by the chemical industry Standardization Technical focal point.

This standard was drafted. Zijingang Belt Co., Ltd. Zhejiang three-dimensional rubber products, rubber Wuxi City in good company there, Rui Ma On Shan Sheng Industrial Co., Northwestern Polytechnical University, Ningbo lush Far East Rubber Co., Ltd., Qingdao Rubber Industry Research Institute.

1 Scope

This standard specifies the cross-sectional size car V-belt (hereinafter referred to as V-belt), the effective length and limit deviations, exposing the height of center distance variation Quantity, size measurement methods and pulley size.

This standard applies to cars with internal combustion engines using mechanical transmission subsidiary of V-belt and pulley.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms of dated references, all subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to study under this agreement is standard Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 13490 uniformity center V-banding method for measuring the amount of pitch change (GB/T 13490-2006, ISO 9608.

1994, IDT)

Dynamic test GB/T 17516.1 V and ribbed belt drives to determine pitch location - Part 1. V belt (GB/T 17556.1-1998, idt ISO 8370:1993) ISO 1081 V-belts and ribbed drive belt and wheel groove term

3 Terms, definitions and symbols

ISO 1081 to determine the terms, definitions and symbols apply to this standard.

4.1 Category

Category V belt according to the belt pulley wheel being equipped with groove shape can be divided into AV10, AV13, AV15, AV17, AV22 five models.

4.2.1 Cross-sectional dimension

Sectional shape of the V-belt and the top width of the nominal value as shown in Figure 1 and Table 1 below.

V belt wheel groove section plane position is determined by the difference between the effective line Chou e, Chou e values can be determined according to GB/T 17516.1, this standard Chou e Value shall be carried out standards, in addition to users and manufacturers have a special agreement. Public V band called wedge angle of 40 °.

A cross-sectional view of FIG. 1 Vp band